10-18-FMI-F-50

Performance Certificate

12-28-1994	STANDARD CALIBRATION			SPECIAL CALIBRATION		
374 X99	% FSPR	RUN 1	RUN 2		RUN 1	RUN 2
SERIAL NO. 224362	0					
REFERENCE 3745CK5AX990	20	4.00				·
NPUT 24 VDC	N 20 C R 40	<u> </u>				
OUTPUT 4 TO 20 mA	E A		·			
SPR 0 TO 50 "WCD	S 60 1 N 80	<u> </u>			. .	
ULL SCALE PRESSURE RANGE	G 00		·			
WIRING CONNECTIONS	100	19.99			<u>. </u>	
+ INPUT - INPUT	D 80		1			
+ OUTPUT - OUTPUT	E C 60					
PIN A + PWR./SIG. PIN B - PWR./SIG.	E A 40					
PIN C CALIBRATE PIN D CALIBRATE	S 1 20					
PIN D CALIBRATE PINS E+F NO CONN.	G 0	4.00				

FIELD CALIBRATION PRESSURE= 39.837 "MCD

CALIBRATION CIRCUIT

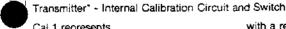
An advantage of Viatran strain gage pressure sensors is that the gain or span of the readout system can be set without applying a known pressure input. The system setup can be accomplished by using a calibrate circuit as explained below.

Most sensor models are supplied with an internal shunt calibrate circuit either as a standard or by special order. If this sensor has the circuit included, it will be noted below. Simply shorting the proper pins will produce the calibration output signal listed.

EXTERNAL CIRCUIT

If the sensor does not include the calibration circuit, the same type calibration can be accomplished by connecting a resistor of the value indicated across the proper pins. This technique is accurate for cable lengths of up to 200 ft.

χ.	Transducer - Intern Shorting pinsc a 16.74 mA		ion & j) will produce calibration output signal.
	Transducer - Exter	nal Calibrat	tion	
	Connecting			ohms across
	pins	&		will produce
	а			calibration output signal



with a reading Cal 1 represents

Cal 2 represents with a reading

of

NOTE: All calibrations should be performed only after the transducer has been adjusted for zero at zero pressure.

WARRANTY

WARKAN I Y

Viatran Corporation warrants that its products shall be free from defective parts and workmanship for a period of cwelve (12) months from date of original shipment provided that Viatran's obligation hereunder shall be limited to correcting any defective workmanship and/or replacing any defective material F.O.B. destination.

A repair is warranted ninety (90) days from repair date under conditions of original warranty period unless superseded by original warranty period. If inspection by the Company of such product does not disclose any defect of workmanship or material, the Company's regular charges will apply. This warranty carries no liability, eithe expressed or implied, beyond our obligation to replace the unit which carries the warranty. This warranty is in lieu of all other warranties of merchantability or fitness. No allowance will be made for any expense incurred for correcting any defective workmanship and/or material without written consent by Viatran. Unit must be shipped to the Company, transportation prepaid, and return authorization number must be referenced on the package to assure acceptance at our shipping dock. Prices must be referenced on the package to assure acceptance at our shipping dock. Prices

The Company shall not be liable for and the Purchaser assumes and agrees to indemnify and save harmless the Company in respect to any loss or damage that materials through the use by the Purchaser, or others, of any of the Company's productive

This warranty is void if the product is subjected to misuse, accident, neglect o improper application, installation or operation. This warranty is void if prior defects is materials or workmanship repairs are made by anyone except Viatran or its authorizeservice agency.

REPAIR

Most Viatran sensors have been designed to be easily repaired and recalibrated necessary. If a failure occurs, the sensor should be returned to the factory for inspectionecessary. It a faiture occurs, the sensor should be returned to the facility to inspection and testing. If the sensor failure is covered by our one year warranty policy, the unit will be repaired as necessary and reshipped without delay. Sensors usually not covered by warranty can be repaired within four to six weeks for approximately thirty to sixty percent of the purchase price. Simple repairs can often be made for minimum charge. Units should be returned to the attention of the Repair Department, after obtaining return authorization number from the customer service desk at (716) 773-1700.

QUALITY ASSURANCE

